

IN THE CLAIMS:

Claims 1-58 (canceled).

Claim 59 (currently amended): A method of foaming an aqueous solution, comprising adding to the aqueous solution a gas and a non-aqueous foamer composition, comprising an alcohol ether sulfate salt, a water miscible solvent, and a polymer selected from the group consisting of natural polymers, modified natural polymers, synthetic polymers, and combinations thereof to form an aqueous foam.

Claim 60 (original): The method of claim 59 wherein the aqueous foam may be contacted by contaminants including hydrocarbons, alcohols, brines, hardness ions, acids, bases, and combinations thereof.

Claim 61 (currently amended): The method of claim 60 wherein the contaminants, separately or collectively, may comprise up to ~~about~~ 50% of the aqueous fraction of the foam, by weight.

Claim 62 (currently amended): A method of foaming an aqueous solution, comprising adding a gas to the aqueous solution and making the aqueous solution acidic by adding up to ~~about~~ 30% by weight mineral acid through the addition of a non-aqueous foamer comprising an alcohol ether sulfate, a water miscible solvent, and a polymer selected from the group consisting of natural polymers, modified natural polymers, synthetic polymers, and combinations thereof to form an aqueous-acid foam.

Claim 63 (original): The method of claim 62 wherein the aqueous-acid foam may be contacted by contaminants including hydrocarbons, alcohols, brines, hardness ions, acids, bases, and combinations thereof.

Claim 64 (currently amended): The method of claim 63 wherein the contaminants, separately or collectively, may comprise up to ~~about~~ 50% by weight of the aqueous-acid fraction of the foam.

Claim 65 (currently amended): The method of claims 60-~~or~~ 63 wherein the alcohols are aliphatic alcohols having less than 7 carbons.

Claim 66 (currently amended): The method of claims 60-~~or~~ 63 wherein the acids are mineral acids, carboxylic acids, and combinations thereof.

Claim 67 (currently amended): The method of claim 66 wherein the mineral acids are ~~may~~ be selected from the group consisting of hydrochloric acid, hydrofluoric acid, sulfuric acid, nitric acid, phosphoric acid, boric acid, and combinations thereof.

Claim 68 (currently amended): The method of claim 66 wherein the carboxylic acids are ~~may~~ be selected from the group consisting of formic acid, acetic acid, propionic acid, citric acid, lactic acid, tartaric acid, glycolic acid, and combinations thereof.

Claim 69 (currently amended): The method of claims 60 or 63 wherein the bases are alkaline oxides, hydroxides, carbonates, amines, and combinations thereof.

Claim 70 (currently amended): The method of claim 69 wherein the alkaline oxides are ~~may~~ be selected from the group consisting of calcium oxide, magnesium oxide, and combinations thereof.

Claim 71 (currently amended): The method of claim 69 wherein the hydroxides are ~~may~~ be selected from the group consisting of sodium hydroxide, potassium hydroxide, ammonium hydroxide, calcium hydroxide, magnesium hydroxide, and combinations thereof.

Claim 72 (new): The method of claim 62 wherein the non-aqueous foamer further comprises a suspending agent.

Claim 73 (new): The method of claim 60 wherein the alcohols are aliphatic alcohols having less than 7 carbons.

Claim 74 (new): The method of claim 60 wherein the acids are mineral acids, carboxylic acids, and combinations thereof.

Claim 75 (new): The method of claim 60 wherein the bases are alkaline oxides, hydroxides, carbonates, amines, and combinations thereof.

Claim 76 (new): The method of claim 59 wherein the non-aqueous foamer further comprises a suspending agent.